

FIG. 1

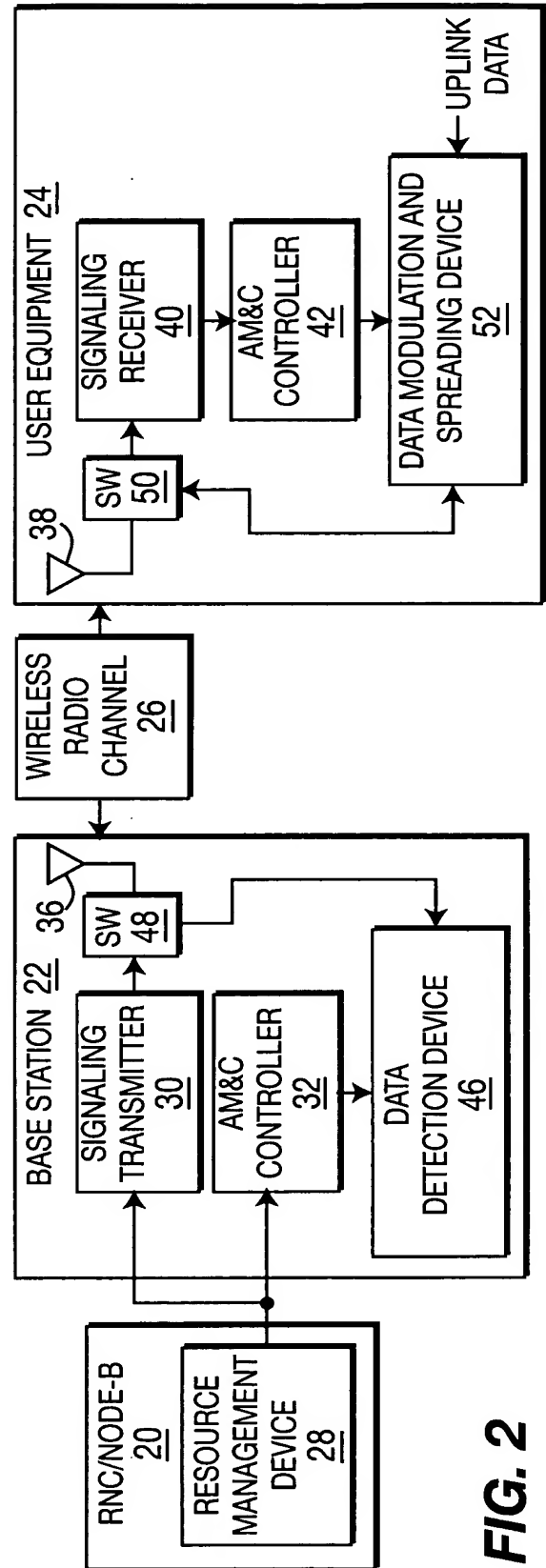
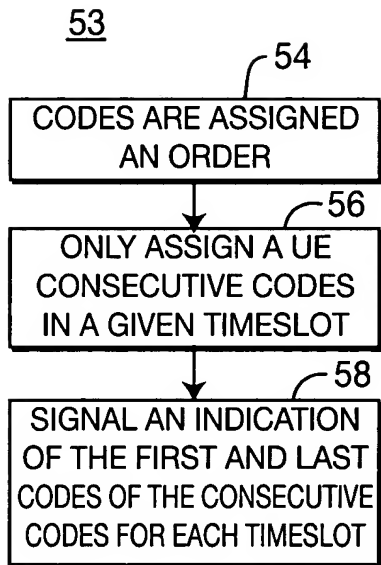
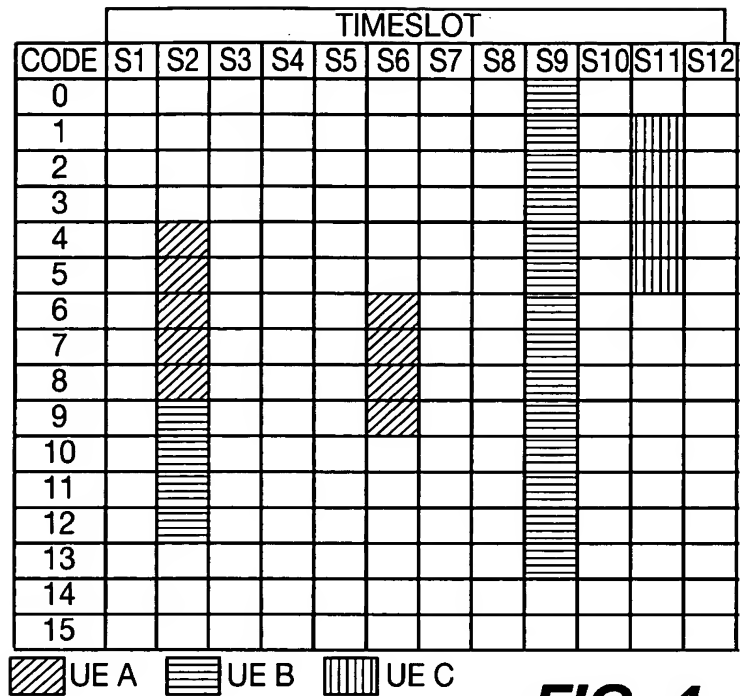


FIG. 2

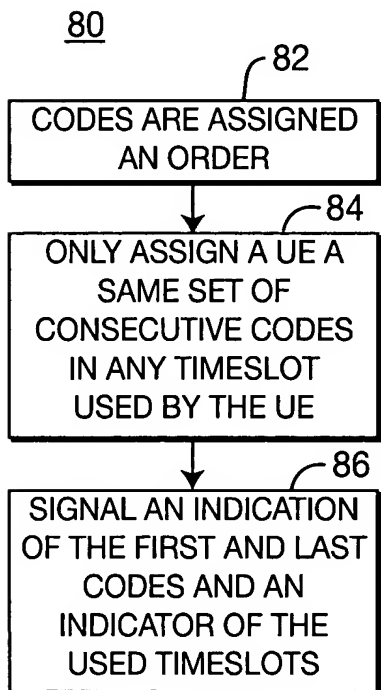
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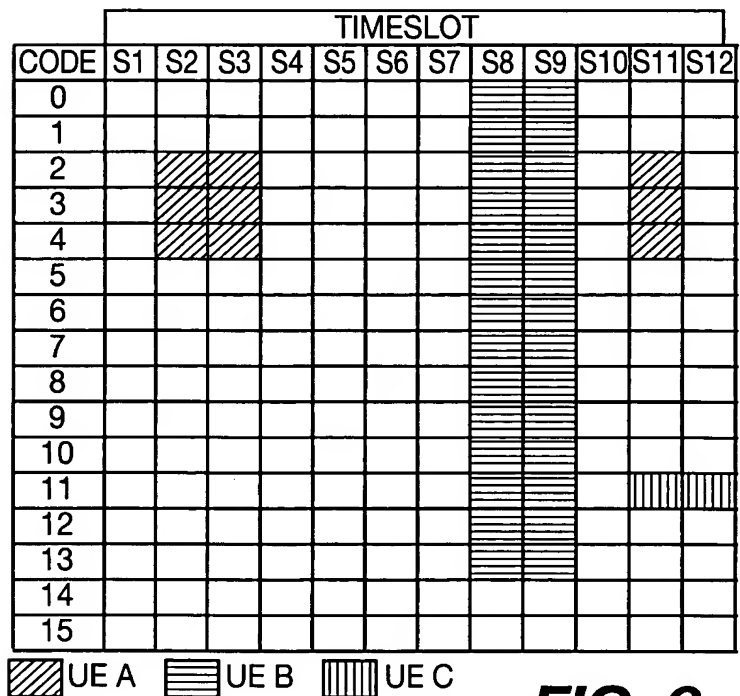
**FIG. 3**



**FIG. 4**

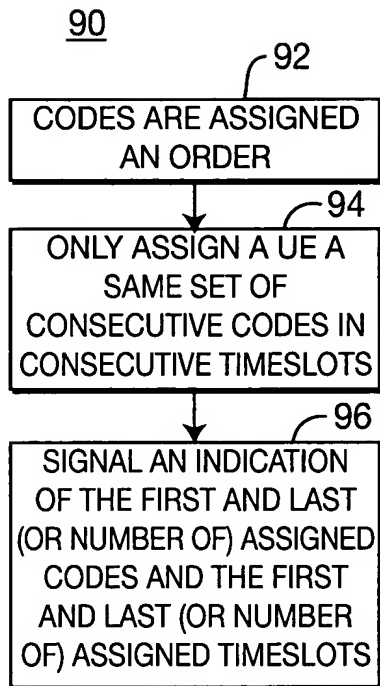


**FIG. 5**

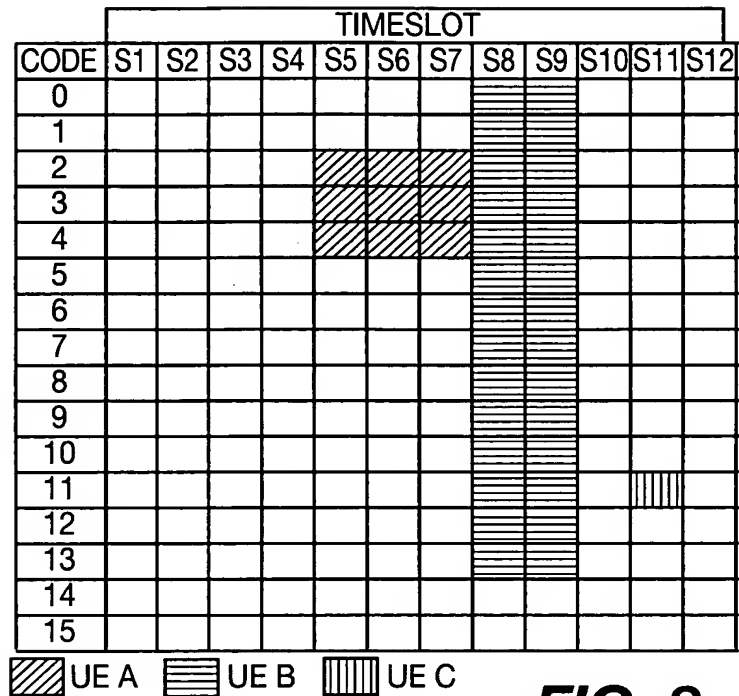


**FIG. 6**

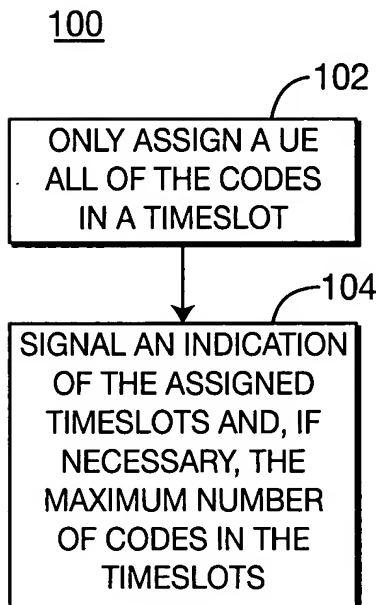
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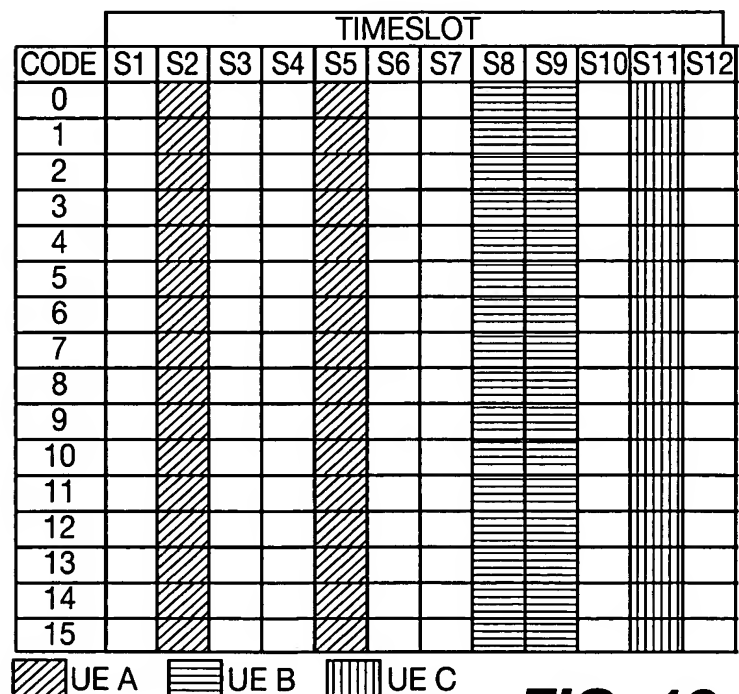
**FIG. 7**



**FIG. 8**

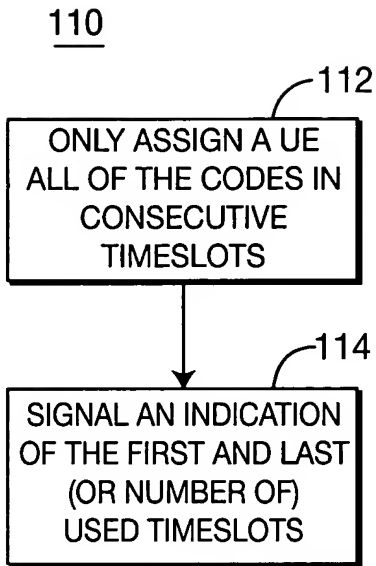


**FIG. 9**



**FIG. 10**





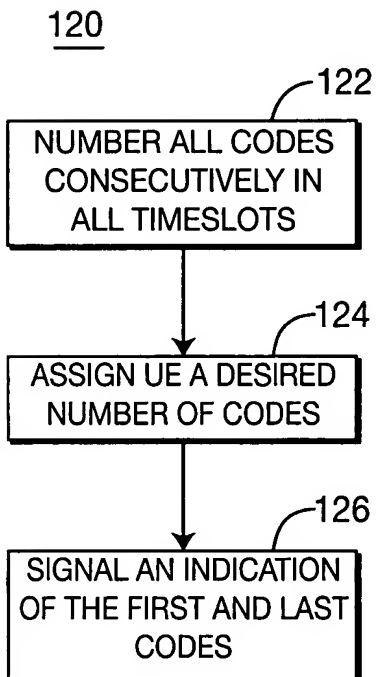
**FIG. 11**

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CODE	TIMESLOT											
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
0		UE A	UE A	UE A				UE B	UE B		UE C	
1		UE A	UE A	UE A				UE B	UE B		UE C	
2		UE A	UE A	UE A				UE B	UE B		UE C	
3		UE A	UE A	UE A				UE B	UE B		UE C	
4		UE A	UE A	UE A				UE B	UE B		UE C	
5		UE A	UE A	UE A				UE B	UE B		UE C	
6		UE A	UE A	UE A				UE B	UE B		UE C	
7		UE A	UE A	UE A				UE B	UE B		UE C	
8		UE A	UE A	UE A				UE B	UE B		UE C	
9		UE A	UE A	UE A				UE B	UE B		UE C	
10		UE A	UE A	UE A				UE B	UE B		UE C	
11		UE A	UE A	UE A				UE B	UE B		UE C	
12		UE A	UE A	UE A				UE B	UE B		UE C	
13		UE A	UE A	UE A				UE B	UE B		UE C	
14		UE A	UE A	UE A				UE B	UE B		UE C	
15		UE A	UE A	UE A				UE B	UE B		UE C	

UE A UE B UE C

**FIG. 12**



**FIG. 14**

CODE	TIMESLOT											
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
0	1	17	33	49	65	UE A	UE A	113	UE B	145	161	UE C
1	2	18	34	50	66	UE A	UE A	114	UE B	146	UE C	UE C
2	3	19	35	51	67	UE A	UE A	115	UE B	147	UE C	UE C
3	4	20	36	52	68	UE A	UE A	100	116	148	UE C	UE C
4	5	21	37	53	UE A	UE A	101	117	UE B	149	UE C	UE C
5	6	22	38	54	UE A	UE A	102	118	UE B	150	UE C	182
6	7	23	39	55	UE A	UE A	103	119	UE B	151	UE C	183
7	8	24	40	56	UE A	UE A	104	120	UE B	152	UE C	184
8	9	25	41	57	UE A	UE A	105	121	UE B	153	UE C	185
9	10	26	42	58	UE A	UE A	106	122	UE B	154	UE C	186
10	11	27	43	59	UE A	UE A	107	123	UE B	155	UE C	187
11	12	28	44	60	UE A	UE A	108	124	UE B	156	UE C	188
12	13	29	45	61	UE A	UE A	109	125	UE B	157	UE C	189
13	14	30	46	62	UE A	UE A	110	126	UE B	158	UE C	190
14	15	31	47	63	UE A	UE A	111	127	143	159	UE C	191
15	16	32	48	64	UE A	UE A	112	128	144	160	UE C	192

UE A UE B UE C

**FIG. 15**



SCHEME	BITS REQUIRED IF ALL INFORMATION IS SIGNED PRIOR	PRIOR SIGNED INFORMATION	POST SIGNED INFORMATION
SCHEME 1, CONSECUTIVE CODES	96	16	80
SCHEME 2, COMMON CONSECUTIVE CODES	20	16 OR 13	10
SCHEME 3, COMMON CONSECUTIVE CODES IN CONSECUTIVE TIMESLOTS	16	13	4
SCHEME 4, ENTIRE TIME-SLOT WITH TIMESLOT FLEXIBILITY	12 (16 IF FOUR BITS ARE NEEDED TO INDICATE THE MAXIMUM NUMBER OF CODES)	8 OR 5	12 OR 9
SCHEME 5, ENTIRE CONSECUTIVE TIMESLOTS WITH TIMESLOT FLEXIBILITY	8 (12 IF FOUR BITS ARE NEEDED TO INDICATE THE MAXIMUM NUMBER OF CODES)	5 OR 9	4
SCHEME 6, NUMBER ALL CODES CONSECUTIVELY IN ALL TIMESLOTS	16	13 (OR LESS)	VARIABLE

**FIG. 13**